

**AMENDED CLAIMS**

**[Received by the International Bureau on 09 July 2004 (09.07.2004) ;  
original claims 1 - 14, replaced by new claims 1 - 13]**

**5 CLAIMS**

1. An ostomy appliance body side member comprising, centrally, an adhesive wafer having a first adhesive surface for securing the appliance to the user's skin, said wafer having a second surface being covered with a hydrophobic adhesive, which wafer has a hole for receiving a stoma and allowing adaptation of the size of the hole of the wafer to the stoma by  
10 enlarging the hole by rolling up the inner rim of the wafer forming a torus and wherein a part of the second surface of the wafer surrounding the hole shows surface properties compatible with the first adhesive surface of the adhesive wafer locking the torus to the second surface in its rolled position by the contact between the second surface and the first adhesive surface.
- 15 2. A body side member as claimed in claim 1, wherein the adhesive wafer is made from an adhesive comprising hydrocolloids.
3. A body side member as claimed in claim 1 or 2, wherein the second adhesive surface is protected by a release liner.
4. A body side member as claimed in any of the previous claims, wherein a carrier sheet  
20 extends to the central part of the wafer.
5. A body side member as claimed in any of the previous claims, wherein the carrier sheet on a central part of the second surface of the adhesive wafer surrounding the stoma is provided with a weakening pattern.
6. A body side member as claimed in any of the previous claims, wherein the part of the  
25 adhesive wafer surrounding the stoma is in the form of an exchangeable sealing member disposed in the hole of the wafer and having a hole for accommodating a stoma.
7. A body side member as claimed in any of the previous claims, being provided with coupling means for releasable attachment of a receiving bag.
8. A body side member as claimed in claim 7, wherein the coupling means are matching  
30 coupling rings.

9. An ostomy sealing member in the form of a mouldable mass or ring having a first adhesive surface which shows a sufficient adhesiveness to adhere to the skin and to seal around a stoma and between the stoma and an ostomy appliance adapted to receive secretions from the stoma, which sealing member has a second surface, facing away from the user, the second surface being covered with a hydrophobic adhesive, optionally being covered by a top film, said sealing member having a hole for accommodating a stoma allowing adaptation of the size of the hole of the sealing member to the stoma by rolling up the inner rim of the sealing member forming a torus before placing the sealing member around the stoma and wherein a part of the second surface surrounding the hole shows surface properties compatible with the first adhesive surface locking the torus to the second surface in its rolled position by the contact between the second surface and the first adhesive surface.

10. A sealing member as claimed in claim 9, wherein the adhesive wafer is made from an adhesive comprising hydrocolloids.

11. A method of applying an ostomy appliance body side member as claimed in any of claim 1-8, comprising optionally removing the release liner, enlarging the hole by rolling the inner rim of the hole adapting of the hole to the size of the stoma forming a torus, locking the torus to the second surface in its rolled position by contact between the second surface and the first adhesive surface, aligning the stoma and the hole of the ostomy appliance body side member for accommodating the stoma and placing the body side member on the abdomen of the ostomate with the stoma projecting into the hole.

12. A method of applying an ostomy appliance body side member as claim in any of claims 9 or 10 comprising a) locating the stoma and aligning the stoma and the hole of the body side member and placing the body side member on the abdomen of the ostomate with the stoma projecting into the hole, b) enlarging the hole of the sealing member by rolling the inner rim of the hole of the sealing member forming a torus, c) adapting the hole to the size of the stoma, d) locking the torus to the second surface of the sealing member in its rolled position by contact between the adhesive surface and the second surface of the sealing member, e) aligning the stoma and the second hole of the ostomy sealing member and f) placing the same in the first hole of the body side member on the abdomen of the ostomate with the stoma projecting into the second hole.

13. A method of applying a one-piece ostomy appliance comprising comprising, centrally, an adhesive wafer having a first adhesive surface for securing the appliance to the user's skin, said wafer having a second surface being covered with a hydrophobic adhesive, which wafer

has a hole for receiving a stoma and allowing adaptation of the size of the hole of the wafer to the stoma by enlarging the hole by rolling up the inner rim of the wafer forming a torus and wherein a part of the second surface of the wafer surrounding the hole shows surface properties compatible with the first adhesive surface of the adhesive wafer locking the torus to the second surface in its rolled position by the contact between the second surface and the first adhesive surface, said method comprising enlarging the hole by rolling the inner rim of the hole adapting of the hole to the size of the stoma forming a torus, locking the torus to the first surface in its rolled position by contact between the second surface and the first adhesive surface, aligning the stoma and the hole of the ostomy appliance for accommodating the stoma and placing the ostomy appliance on the abdomen of the ostomate with the stoma projecting into the hole.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DK2004/000011

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61F5/443 A61F5/448

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61F A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/004477 A1 (GOTHJAELPSEN LAILA BUSK ET AL) 2 January 2003 (2003-01-02) paragraph '0053!; figures paragraph '0084! ---	1-3,6-11
X	WO 98/53771 A (GOTHJAELPSEN LAILA BUSK ;CLOK DANUTA (DK); COLOPLAST AS (DK); SLET) 3 December 1998 (1998-12-03) cited in the application page 8, line 8 -page 9, line 5; figures ---	1-3,6-8, 10,11
A	US 4,095,599 A (SIMONET-HAIBE DENISE) 20 June 1978 (1978-06-20) column 4, line 38 -column 5, line 28; figures --- -/-	1,4,6,8, 11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the International filing date
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- 'O' document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the International filing date but later than the priority date claimed

- 'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- '&' document member of the same patent family

Date of the actual completion of the international search

24 May 2004

Date of mailing of the international search report

08/06/2004

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# INTERNATIONAL SEARCH REPORT

Intel ☐ International Application No  
PCT/DK2004/000011

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 351 238 A (SQUIBB BRISTOL MYERS CO) 27 December 2000 (2000-12-27) page 8, line 12 -page 9, line 13; figures 1,4 -----	1,2,6,8, 9,11

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/DK2004/000011

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 12-14  
because they relate to subject matter not required to be searched by this Authority, namely:  
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000011

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003004477 A1	02-01-2003	DK 116696 A	23-04-1998
		AU 721675 B2	13-07-2000
		AU 4616397 A	15-05-1998
		CA 2269575 A1	30-04-1998
		CN 1233945 A	03-11-1999
		WO 9817212 A1	30-04-1998
		EP 0998247 A1	10-05-2000
		JP 2001502570 T	27-02-2001
		NO 991905 A	22-06-1999
		AT 232747 T	15-03-2003
		AU 729075 B2	25-01-2001
		AU 4616297 A	15-05-1998
		CA 2269325 A1	30-04-1998
		CN 1233965 A	03-11-1999
		DE 69719206 D1	27-03-2003
		DE 69719206 T2	13-11-2003
		WO 9817329 A1	30-04-1998
		EP 0938349 A1	01-09-1999
		ES 2189981 T3	16-07-2003
		JP 2001502569 T	27-02-2001
		NO 991904 A	22-06-1999
		US 2002120032 A1	29-08-2002
		AT 219913 T	15-07-2002
		AU 726169 B2	02-11-2000
		AU 7425898 A	30-12-1998
		BR 9809692 A	11-07-2000
		CA 2291035 A1	03-12-1998
		CN 1258208 T	28-06-2000
		DE 69806379 D1	08-08-2002
		DE 69806379 T2	06-03-2003
		DK 68998 A	27-11-1998
		WO 9853771 A1	03-12-1998
		DK 984750 T3	28-10-2002
		EP 0984750 A1	15-03-2000
		ES 2177009 T3	01-12-2002
		JP 2001526576 T	18-12-2001
		NO 995740 A	18-01-2000
		PL 336960 A1	31-07-2000
		US 6332879 B1	25-12-2001
		AU 7426598 A	30-12-1998
		WO 9854269 A1	03-12-1998
		EP 0985006 A1	15-03-2000
WO 9853771 A	03-12-1998	AT 219913 T	15-07-2002
		AU 721675 B2	13-07-2000
		AU 4616397 A	15-05-1998
		AU 726169 B2	02-11-2000
		AU 7425898 A	30-12-1998
		BR 9809692 A	11-07-2000
		CA 2269575 A1	30-04-1998
		CA 2291035 A1	03-12-1998
		CN 1233945 A	03-11-1999
		CN 1258208 T	28-06-2000
		DE 69806379 D1	08-08-2002
		DE 69806379 T2	06-03-2003
		DK 68998 A	27-11-1998
		WO 9817212 A1	30-04-1998
		WO 9853771 A1	03-12-1998

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000011

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9853771	A		DK 984750 T3 EP 0998247 A1 EP 0984750 A1 ES 2177009 T3 JP 2001526576 T JP 2001502570 T NO 991905 A NO 995740 A PL 336960 A1 US 2003004477 A1 US 6332879 B1	28-10-2002 10-05-2000 15-03-2000 01-12-2002 18-12-2001 27-02-2001 22-06-1999 18-01-2000 31-07-2000 02-01-2003 25-12-2001
US 4095599	A	20-06-1978	FR 2342716 A1 BE 850153 A1 BR 7700649 A CA 1098002 A1 CH 610519 A5 DE 2703032 A1 DK 68077 A ES 225569 Y GB 1521796 A IT 1083451 B JP 1123148 C JP 52100796 A JP 57015893 B LU 76528 A1 MX 143096 A NL 7701220 A ,B, SE 424261 B SE 7701721 A YU 43377 A1	30-09-1977 06-07-1977 04-10-1977 24-03-1981 30-04-1979 25-08-1977 19-08-1977 01-07-1977 16-08-1978 21-05-1985 12-11-1982 24-08-1977 01-04-1982 18-09-1978 13-03-1981 22-08-1977 12-07-1982 19-08-1977 31-05-1982
GB 2351238	A	27-12-2000	GB 2340398 A AU 759200 B2 AU 4351499 A CA 2280107 A1 EP 0985390 A1 GB 2351237 A ,B JP 2000051258 A NZ 337055 A NZ 509775 A US 6709421 B1 ZA 9905162 A	23-02-2000 10-04-2003 09-03-2000 13-02-2000 15-03-2000 27-12-2000 22-02-2000 30-03-2001 30-03-2001 23-03-2004 12-02-2001



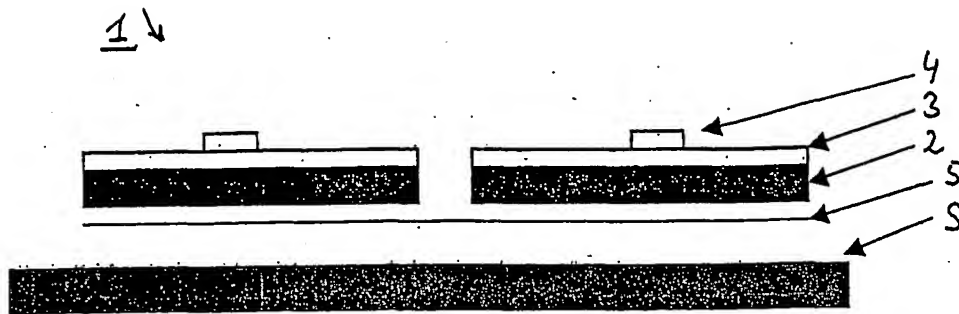


Fig. 1

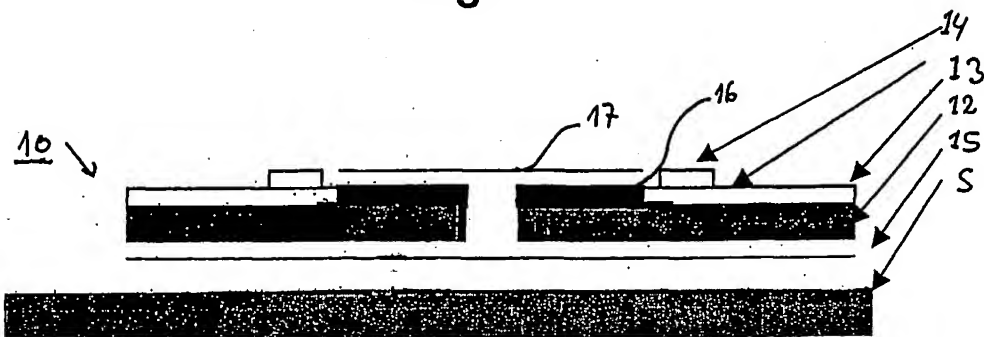


Fig. 2

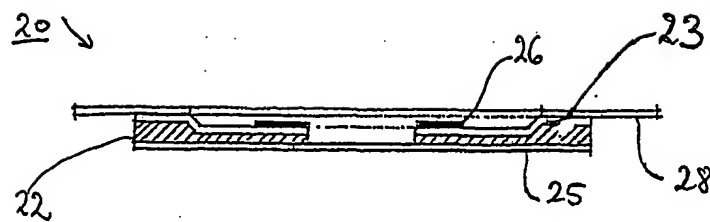


Fig. 3

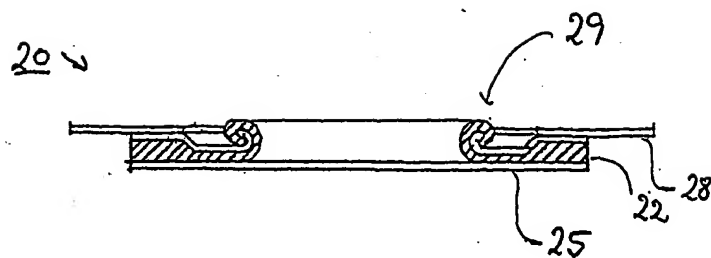


Fig. 4

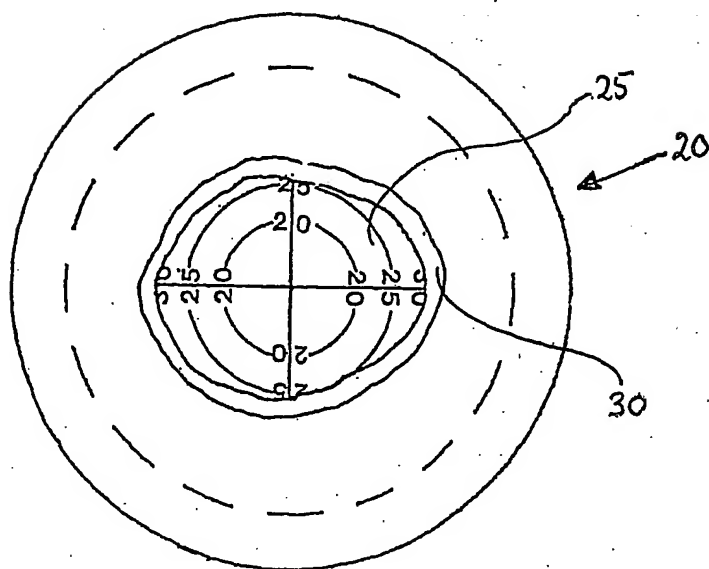


Fig. 5

